

APR 05 2004

OFFICIAL

PATENT

Attorney Docket No. 295843-01US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas Jay ARENT et al.**Application No.:** 10/671,840**Filed:** September 25, 2003**For:** COMPOSITION FOR GROWING
GROUP III NITRIDE MATERIALS**Examiner:** Not yet known**Art Unit:** 1765**Confirmation No.:** 9643

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT THAT THIS CORRESPONDENCE IS BEING FACSIMILE
TRANSMITTED TO THE USPTO OR DEPOSITED WITH THE U.S.
POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN
AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O.
BOX 1450, ALEXANDRIA, VA 22313-1450 ON THE DATE SHOWN
BELOW

Cynthia M. Sullivan 4-5-04
Signature Date

INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. 1.97(b)(3) and 1.98

Sir:

The Information Disclosure Statement submitted herewith is being filed before the mailing date of a first Office action on the merits.

The Examiner is requested to consider the references noted on the enclosed From PTO-1449 during examination of the above-identified patent application. These references are submitted for the Examiner's consideration and are submitted pursuant to the duty of disclosure under 37 C.F.R. § 1.56. In submitting these references, no representation is made or implied that the references are or are not material to the examination of the application. The Examiner is encouraged to make his or her own determination of materiality. In accordance with 37 C.F.R. § 1.98(a)(2)(i), copies of the U.S. references are not provided herewith.

Application No. 10/671,840
Attorney Docket No. 295843-01US

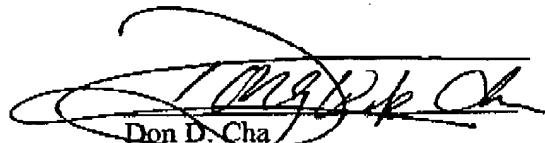
Pursuant to 37 C.F.R. § 1.97(b)(3), no fees are due with respect to this filing.

However, should any fees be deemed necessary, such fees may be charged to Deposit
Account No. 06-0029.

If the Examiner has any questions concerning the relevance of any reference cited in
this disclosure, please contact the undersigned attorney.

Dated: 4-April-04

Respectfully submitted,



Don D. Cha
Registration No. 40,945
Attorney for Applicant

Customer No. 35657
FAEGRE & BENSON LLP
3200 Wells Fargo Center
1700 Lincoln Street
Denver, CO 80203-4532
Tel: (303) 607-3500
Fax: (303) 607-3600

DNVR1:60261642.01

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0851-0037

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/671,840
		Filing Date	September 25, 2003
		First Named Inventor	Douglas Jay ARENT et al.
		Art Unit	1765
		Examiner Name	Not yet known
Sheet 1 of 1	Attorney Docket Number	295843-01US	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. *	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US - 4,620,897	11-04-1988	Nakajima	
		US - 6,592,663 B1	07-15-2003	Sarayama et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. *	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FAEGRE & BENSON LLP

3200 WELLS FARGO CENTER, 1700 LINCOLN STREET
DENVER, COLORADO 80203-4532
TELEPHONE 303-607-3500
FACSIMILE 303-607-3600
www.faegre.com

1765
RECEIVED
CENTRAL FAX CENTER

APR 05 2004

OFFICIAL

FACSIMILE TRANSMISSION

FROM: Don D. Cha

TELEPHONE: 303/607-3500

EMAIL: dcha@faegre.com

DATE:

TIME: .m. (Denver)

NUMBER OF PAGES (including this page): 5

F&B FILE: 74156-295843-01US

To: United States Patent and Trademark Office
Technology Center 1765

Telephone: (703) 872-9314
Fax: (703) 872-9306

MESSAGE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Douglas Jay ARENT et al.

Att. Docket No.: 295843-01US

Serial No.: 10/671,840

Examiner: Not yet known

Filing Date: September 25, 2003

Group Art Unit: 1765

Confirmation No.: 9643

Title: METHODS FOR PRODUCING GROUP III NITRIDE MATERIALS

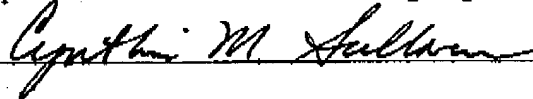
CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

I hereby certify that the following documents are being facsimile transmitted to the United States Patent and Trademark Office Fax No. (703) 872-9306 on April 4, 2004:

1. Transmittal (1 page);
2. Information Disclosure Statement under 37 CFR 1.97(b)(3) and 1.98 (2 pages); and
4. Form PTO-SB/08 (1 page).

Cynthia M. Sullivan

(Typed or Printed Name of Person Signing Certificate)



IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL OFFICE SERVICES AT 303/607-3900.

THIS TELECOPY IS INTENDED ONLY FOR THE USE OF THE PERSON TO WHOM IT IS ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.

Colorado Minnesota Iowa London Frankfurt Shanghai

PTO/SB/21 (08-03)

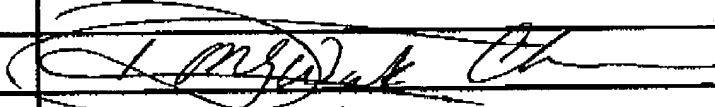
Approved for use through 07/31/2005 OMB 0651-0031

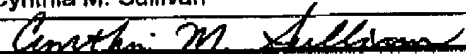
U.S. Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/671,840	
	Filing Date	September 25, 2003	
	First Named Inventor	Douglas Jay ARENT et al.	
	Art Unit	1765	
	Examiner Name	Not yet known	
Total Number of Pages in This Submission	5	Attorney Docket Number	295483-01US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) 1. Certificate of Transmission by Facsimile.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Don D. Cha, Registration No. 40,945 FAEGRE & BENSON LLP - Customer No. 35,657
Signature	
Date	4-5-04

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Cynthia M. Sullivan	Date	4-5-04
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.